



# HRT4-ZW and HRT4-B

## Electronic Room Thermostats



Wireless or wired, this range of purpose designed room thermostats from Horstmann offer the latest energy saving control technology combined with established Horstmann design and manufacturing expertise, making them suitable for use in most types of heating system.

They are also perfect partners for use with Horstmann Programmers and Zone valves.

### Features

- Wireless or wired (battery operated) versions
- Load compensation
- Boiler Plus Compliant when used with time control
- Clear backlit digital display
- Temperature range 5-30°C
- Easy to install and use



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### HRT4-ZW with ASR-ZW receiver

Wireless Z-wave electronic room thermostat and ASR-ZW receiver with load compensation – avoids disruptive and time consuming wiring – compatible with most heating systems.

With proven Z-wave wireless technology using the 868.42MHz operating frequency, the thermostat unit features a constant RF status display with its receiver being mains powered with volt free contacts.



### HRT4-B

The HRT4-B is a wired battery operated room thermostat with load compensation – for use with new installations or as a replacement for existing room thermostats.

The HRT4-B has 3 amp volt free change over contacts – making it ideal for use with combi boilers as well as conventional mains operated equipment.

Designed to look good, these thermostats will out perform many older styles of thermostat and can often produce savings in the order of 10% over and above those achieved by traditional units using older technology.

Adjustable settings for Gas, Oil and Electric systems and the display shows 1°C resolution, heating ON symbol, target and actual temperatures at the touch of the dial and an energy saving back light that switches off after 7 seconds.

Uses load compensation technology to minimise boiler cycling and reduce flow temperatures.

Available in wireless and wired versions – for new and replacement situations – there is a Horstmann thermostat to suit most installations.

The wireless version employs the latest Z-Wave radio frequency (RF) technology resulting in a highly reliable and trouble free wireless connection with minimal setting up procedures.

Thermostat battery life is in excess of two years using 2 standard AAA batteries which are supplied. A battery low indication tells the user when the batteries need changing.

## Specification

### HRT4-ZW

Power supply	2 x AAA alkaline batteries
Pollution degree	Degree 2
Temperature accuracy	+/- 0.5°C
Temperature range	5 °C - 30 °C
Operating temperature range	0° C - 40 °C
Case material	Thermoplastic flame retardant
Dimensions	86 x 86 x 36.25mm
Rated impulse voltage	Cat 2 – 2500v
Enclosure protection	IP30
Design standard	EN60730 – 2-9
Transmitter frequency	868 MHz
Erp rating	CLASS IV (2%)

### Asr-zw

Power supply	230 V AC 50 Hz
Contact type	Micro disconnection Voltage free
Contact rating	3 (1) Amps 230 V AC
Pollution degree	Degree 2
Operating temperature range	0° C - 40 °C
Case material	Thermoplastic flame retardant
Dimensions	86 x 86 x 36.25mm
Rated impulse voltage	Cat 2 – 2500v
Enclosure protection	IP30

### HRT4-B

Power supply	2 x AAA alkaline batteries
Contact type	Micro disconnection Voltage free change-over
Contact rating	3 (1) Amps 230 V AC
Pollution degree	Degree 2
Temperature accuracy	+/- 0.5°C
Temperature range	5 °C - 30 °
Case material	Thermoplastic flame retardant
Dimensions	86 x 86 x 36.25mm
Rated impulse voltage	Cat 2 – 2500v
Enclosure protection	IP30
Design standard	EN60730 – 2-9
ERP rating	CLASS IV (2%)